| Index of Claims           | Application/Control No. | Applicant(s)/Patent under Reexamination |
|---------------------------|-------------------------|---|
|                           | 09/484,732              | SUDER ET AL.                            |
|                           | Examiner                | Art Unit                                |
|                           | Ming Chow               | 2645                                    |
| √ Rejected _ (Through num | eral) Non-Elected       | A Appeal                                |

| <b>√</b> | Rejected | _ | (Through numeral)<br>Cancelled | N | Non-Elected  | Α | Appeal   |
|----------|----------|---|--------------------------------|---|--------------|---|----------|
| =        | Allowed  | ÷ | Restricted                     | 1 | Interference | 0 | Objected |

| Cla          | aim_     | Date     |  |          |  |                                     | Claim Date                                       |              |                     |          |          |          |                                     | 7        | CI       | aim    | Date     |   |                   |          |    |          |            |                 |          |                    |                 |           |  |                |          |             |
|--------------|----------|----------|--|----------|--|-------------------------------------|--|--------------|---------------------|----------|----------|----------|-------------------------------------|----------|----------|--------|----------|---|-------------------|----------|----|----------|------------|-----------------|----------|--------------------|-----------------|-----------|--|----------------|----------|-------------|
|              | <u></u>  |          |  |          |  |                                     |  |              |                     |          |          | - E      |                                     |          |          |        |          |   |                   |          | 7  |          | 700        |                 |          |                    |                 |           |  |                | П        |             |
| Final        | Original |          |  |          |  |                                     |  |              |                     |          | Finat    | Original |                                     |          |          |        |          | - 1   |                   |          |    | Final    | Original   |                 |          |                    |                 | ıl        | ı  |                |          | -           |
| iĒ           | ΙĔ       |          |  |          | '  | Ί                                   |  |              |                     |          | 這        | E        |                                     |          |          |        |          | 1   |                   | ı        |    | ΙĒ       | i.         |                 |          |                    |                 | ı l       | ı  | H              |          |             |
|              |          |          |  |          | L  |                                     |  |              | Ш                   |          |          |          |                                     |          |          |        |          |   |                   |          | ╛  |          | L_         |                 |          |                    |                 | i l       | H  |                |          | -           |
|              | 1        | L        | L_   |          |  | L                                   |  | Ш            | Ш                   | _        |          | 51       | V                                   | <u> </u> |          |        |          |   |                   |          |    |          | 101        |                 |          |                    |                 |           |  |                |          | $\Box$      |
| L            | 2        | <u> </u> |  | L        | _  |                                     |  |              | Ш                   | _        |          | 52       | 1                                   | L        |          |        |          |   |                   |          |    |          | 102        |                 |          |                    |                 |           |  |                |          |             |
|              | 3        | _        | _  |          | ļ  |                                     |  |              | $\sqcup \bot$       | _        | L        | 53       | <u> </u>                            |          |          |        |          |   |                   | _L       | ╛  |          | 103        |                 |          |                    |                 |           |  |                |          |             |
|              | 4        | <u> </u> | L  |          | L  | <u> </u>                            | _  |              | Ш                   | _        |          | 54       | V                                   |          |          |        | Ш        |   | 丄                 |          | _  |          | 104        |                 |          |                    |                 |           |  |                |          |             |
|              | 5        | _        |  |          |  | _                                   | _  | $oxed{oxed}$ | Ш                   | _        |          | 55       | $ \checkmark $                      | L        |          |        | Ш        | $\perp$   | $\perp$           | $\perp$  | ╛  |          | 105        |                 |          |                    | Ш               |           |  |                |          |             |
| L            | 6        | _        | _  |          | <u> </u>   | ļ                                   | <u> </u>   | L.           | Ш                   | _        |          | 56       | 上                                   |          |          |        | Ш        |   | $\perp$           |          | _  |          | 106        | Ш               |          | Ш                  | Ш               | $\Box$    |  | Ш              |          | ┙           |
| <u> </u>     | 7        | <u> </u> | <u> </u>   |          | _  | L                                   | ļ  | $oxed{oxed}$ | $\sqcup$            | _        |          | 57       | V                                   | _        |          |        | Ц        | _   | $\perp$           |          | _  |          | 107        |                 |          | Ш                  | Ш               | Ш         | Ш  | Ш              | $\Box$   | Ц           |
|              | 8        | _        |  |          | <u> </u>   | _                                   | ļ.,  |              | $\vdash$            | _        |          | 58       | 1                                   | _        |          | Ш      |          | _   |                   |          | _  | <u></u>  | 108        | Ш               |          |                    | Ш               | Ш         | Ш  | Ш              | $\Box$   | ╝           |
|              | 9        | <u> </u> | _  |          | <u> </u>   | L.                                  |  | <u> </u>     | Ш                   | _        |          | 59       | マ                                   | <u> </u> |          |        | Ц        | _   | _                 | _ _      | _  |          | 109        | Ш               |          | Ш                  | $\square$       | $\Box$    | Ш  | Ш              |          |             |
|              | 10       | <u> </u> | L  |          | <u> </u>   | ــــــ                              | L  | <u> </u>     | Ш                   |          |          | 60       | <u> </u>                            | L.       |          |        | Ц        | _   | $\perp$           | $\perp$  | _  |          | 110        | Ш               |          |                    | Ш               | Ш         | Ш  |                | $\perp$  | ╝           |
|              | 11       | ├-       | <u> </u>   | <u> </u> | ┞-   | ↓_                                  | <b>—</b>   | <u> </u>     | $\sqcup$            | _        |          | 61       | 1                                   | <u></u>  |          | Ш      | Ш        | $\dashv$  | $\perp$           | $\bot$   | 4  | <u></u>  | 111        | Ш               |          | Ш                  | Ш               | $\square$ | Ш  | Ш              | [        |             |
|              | 12       | <b> </b> | ⊢  | ļ        | _  | _                                   | ├-   | $\vdash$     | $\sqcup$            | _        | <u> </u> | 62       | V                                   | _        | <u> </u> | Щ      | Щ        | $\dashv$  | $\dashv$          | $\perp$  | 4  |          | 112        | Ш               |          | Ш                  | Ш               |           |  | Ш              | $\perp$  | _           |
|              | 13       | $\vdash$ | $\vdash$   | _        | ├-   |                                     | <b>├</b>   | $\vdash$     | $\vdash$            | _        | $\vdash$ | 63       | ـ                                   | <u> </u> | $\vdash$ | Щ      | Щ        | 4   | _                 | $\bot$   | 4  |          | 113        | Ш               |          |                    | $\sqcup$        | لـــا     | Ш  | Щ              | $\dashv$ | _           |
| <u> </u>     | 14       |          | $\vdash$   | $\vdash$ | ├-   | <del> </del>                        | $\vdash$   | Щ.           | $\vdash \downarrow$ | _        | $\vdash$ | 64       | ╄                                   | <u> </u> |          | Ш      | Ц        | $\dashv$  | _                 | $\perp$  | 4  | <u> </u> | 114        | Ш               |          | Щ                  | Ш               | ┈         | Ш  | $\dashv$       | _        | _           |
|              | 15       | ⊢        |  | ⊢        | $\vdash$   | ├                                   | ├—   | H            | $\vdash$            | -        | -        | 65       | ⊢                                   | <b> </b> |          | Н      | $\sqcup$ | 4   | 4                 |          | 4  | <u> </u> | 115        | Щ               | _        | Щ                  | Ш               | ш         | Ш  | $\dashv$       | _        | _           |
| <del> </del> | 16<br>17 | $\vdash$ | $\vdash$   | ⊢        | ├-   | -                                   | ⊢  | H            | $\vdash \vdash$     | $\dashv$ | -        | 66       | $\vdash$                            | $\vdash$ | _        | Ш      | $\vdash$ | $\dashv$  | $\perp$           | $\perp$  | 4  | <u> </u> | 116        | $\vdash$        | _        | Щ                  | Щ               | <b>—</b>  | $\vdash \vdash$                                  | $\dashv$       | _        | _           |
| <u> </u>     | 18       | $\vdash$ | $\vdash$   | <u> </u> | $\vdash$   | -                                   | $\vdash$   | -            | $\vdash$            | -        | <u> </u> | 67       | ┼                                   | _        | <u> </u> | Щ      | $\vdash$ |   | $\dashv$          | $\perp$  | 4  | <u> </u> | 117        | $\vdash \vdash$ | _        | $\square$          | Ш               | $\sqcup$  | $\vdash$   | $\dashv$       |          | _           |
| -            | 19       | -        | $\vdash$   | ┝        | ⊢  | ├                                   | ⊢  |              | ⊢⊹                  |          | <u> </u> | 68       | ┿                                   | L        |          | _      | $\dashv$ |   | $\dashv$          | +        | 4  |          | 118        | Н               | _        | Ш                  | $\vdash$        | Ш         | $\vdash$   | $\dashv$       | $\dashv$ | 4           |
| _            | 20       | ļ-       | -  |          | ├  | ├                                   | ├  |              | $\vdash$            | $\dashv$ |          | 69       | ┼-                                  | H        | _        |        | H        |   | $\dashv$          | -        | -  | -        | 119        | Н               | _        |                    | Н               | Ш         | $\vdash \vdash$                                  | $\dashv$       | -        | _           |
|              | 21       |          | -  | ┝        | $\vdash$   | ├                                   | -  | $\vdash$     | Н                   | -        | -        | 70       | ╁                                   | H        | <u> </u> | Ш      | -        | -+  | +                 | -        | 4  | <b>├</b> | 120        | Н               | _        | Ш                  | Ш               | ш         | $\vdash$   | $\dashv$       | -        | _           |
|              | 22       | <b>├</b> | ┝  | ⊢        | ⊢  | ├                                   | ├-   | Н            | ⊢                   | $\dashv$ | -        | 71<br>72 | ╀                                   | ⊢        | _        | Н      | H        | -   | $\dashv$          | -        | 4  | <u> </u> | 121        | Н               | _        |                    | $\vdash \vdash$ | Щ         | $\vdash$   | $\dashv$       | -        |             |
|              | 23       | -        | -  | $\vdash$ | ⊢  | ⊢                                   | ⊢  | ├─           | $\vdash$            | -        | -        | 73       | ┝                                   | H        | <u> </u> | Н      | $\dashv$ | $\dashv$  | +                 |          | -  | <b>-</b> | 122        | Н               |          | Н                  | $\vdash$        | $\vdash$  | Н  | $\dashv$       | $\dashv$ | ᅱ           |
|              | 24       | ╁        | -  | $\vdash$ | ├  | ┝                                   | ┝  | Н            | $\vdash$            | $\dashv$ |          | 74       | ╁                                   | -        | -        |        |          | -+  | +                 |          | ┨  |          | 123<br>124 |                 | -        | $\vdash\vdash$     | $\vdash$        |           | $\vdash$   | $\dashv$       | $\dashv$ |             |
|              | 25       | ┢        | -  | ┢        |  |                                     | ├  | Н            | $\vdash$            | -        |          | 75       | $\vdash$                            | -        | -        | -      | -        | $\dashv$  | +                 | ┿        | -  | -        | 125        | $\vdash$        |          | $\vdash\vdash$     | $\vdash \vdash$ | $\dashv$  | $\vdash$   | $\dashv$       | $\dashv$ |             |
|              | 26       | ┢        | ┝  | $\vdash$ | <del>                                     </del> | -                                   | $\vdash$   | H            | $\vdash$            | -        |          | 76       | +                                   | -        | Н        |        | $\dashv$ | $\dashv$  | +                 | +        | ┨  | <b>-</b> | 126        | Н               |          | $\vdash$           | $\vdash$        | $\dashv$  | Н  | -              | $\dashv$ | $\dashv$    |
| _            | 27       | ┢═       |  | -        | $\vdash$   | $\vdash$                            | $\vdash$   | Н            | $\vdash$            | -        | -        | 77       | ╁                                   | -        | Н        |        | -        | $\dashv$  | +                 | +        | ┨  | -        | 127        | Н               |          | $\vdash$           | $\vdash$        | $\dashv$  | Н  | $\dashv$       | $\dashv$ | $\dashv$    |
|              | 28       | ┢        |  | _        | 1  | H                                   | H  | Н            | +                   | $\dashv$ | -        | 78       | ╁                                   | -        | $\vdash$ |        |          | $\dashv$  | +                 | +        | ┨  | _        | 128        |                 | $\dashv$ | $\vdash$           | $\vdash$        | $\dashv$  | ┌╌┤  | -              | $\dashv$ | $\dashv$    |
|              | 29       | T        | $\vdash$   | -        |  |                                     | ┪  |              | -                   | $\dashv$ |          | 79       | $\vdash$                            | $\vdash$ | Н        |        |          | $\dashv$  | +                 | +        | ┨  |          | 129        | Н               | $\dashv$ | $\vdash$           | $\vdash$        | -         | Н  | $\dashv$       | +        | $\dashv$    |
|              | 30       | $\vdash$ | $\vdash$   | _        |  | ┢                                   | <del>                                     </del> |              |                     | $\dashv$ | -        | 80       | t                                   |          | Н        | $\neg$ |          | $\dashv$  | 十                 | +        | ┨  | _        | 130        | Н               | $\dashv$ |                    | $\vdash$        | -         | $\vdash \vdash$                                  | $\dashv$       | $\dashv$ | ᅱ           |
|              | 31       | T        |  | Г        |  | ┢                                   | ⇈  | Н            |                     | $\dashv$ | $\vdash$ | 81       | 1                                   |          | H        |        | $\dashv$ | +   | 十                 | $\vdash$ | ┨  | -        | 131        | H               | _        | $\vdash$           | $\dashv$        | $\neg$    | $\vdash$   | $\dashv$       | $\dashv$ | $\dashv$    |
|              | 32       | $\Box$   |  |          |  |                                     |  | П            | $\sqcap$            | $\dashv$ |          | 82       | $\vdash$                            |          | П        |        | $\dashv$ | 十   | $\top$            | +        | 1  | $\vdash$ | 132        | $\vdash$        | $\neg$   | $\sqcap$           | $\sqcap$        | $\dashv$  | <del>                                     </del> | $\dashv$       | $\dashv$ | $\dashv$    |
|              | 33       | Г        |  |          |  | 1                                   | Г  | П            | $\sqcap$            | $\neg$   |          | 83       | 1                                   | П        | П        | П      | $\dashv$ | $\dashv$  | $\top$            | 十        | 1  |          | 133        |                 | $\dashv$ | $\sqcap$           | $\sqcap$        | $\neg$    | $\vdash$   | $\dashv$       | $\dashv$ | $\dashv$    |
|              | 34       |          |  | Г        |  |                                     |  | П            | $\sqcap$            | $\neg$   |          | 84       | 1                                   |          | П        |        |          | $\dashv$  | 十                 | _        | 1  |          | 134        |                 | $\neg$   | $\sqcap$           | $\sqcap$        | $\dashv$  | $\sqcap$   | $\neg \dagger$ | +        | $\dashv$    |
|              | 35       |          |  |          |  |                                     |  |              |                     |          |          | 85       |                                     |          |          |        |          | $\neg$  | $\dashv$          | $\neg$   | 7  |          | 135        |                 |          | T                  | $\sqcap$        |           | $\sqcap$   | $\dashv$       | $\dashv$ | $\dashv$    |
|              | 36       |          |  |          |  |                                     |  |              |                     |          |          | 86       |                                     |          |          |        |          | $\dashv$  | $\top$            | $\dashv$ | 7  |          | 136        |                 |          | $\sqcap$           | $\Box$          | $\neg$    | $\sqcap$   | $\dashv$       | $\dashv$ | $\neg$      |
|              | 37       | 匚        |  |          |  |                                     |  |              |                     |          |          | 87       |                                     |          |          |        |          |   |                   |          | 7  |          | 137        |                 | $\Box$   |                    | $\sqcap$        | $\neg$    | П  | $\neg$         | $\dashv$ | $\neg$      |
|              | 38       | 匚        |  |          |  |                                     |  |              |                     |          |          | 88       |                                     |          |          |        |          |   |                   |          | 1  |          | 138        | $\Box$          | $\neg$   | $\sqcap$           | $\sqcap$        | $\neg$    | $\sqcap$   | $\neg$         | $\neg$   | $\neg$      |
|              | 39       |          |  |          |  |                                     |  |              |                     |          |          | 89       |                                     |          |          |        |          |   | T                 | 1        | 7  |          | 139        |                 |          | $\sqcap$           | $\sqcap$        | $\neg$    |  | $\neg$         | $\dashv$ |             |
|              | 40       | <b>V</b> |  |          | 匚  |                                     |  |              |                     | _]`      |          | 90       | L                                   |          |          |        |          |   | T                 |          | ]  |          | 140        |                 |          |                    |                 |           |  | $\Box$         | $\neg$   |             |
|              | 41       | ~        |  |          |  |                                     |  |              |                     |          |          | 91       |                                     |          |          |        |          | $\Box$  |                   |          | ]  |          | 141        |                 |          |                    |                 | $\Box$    |  |                | $\Box$   |             |
|              | 42       | V        |  |          |  |                                     |  |              | Ш                   |          |          | 92       | 匚                                   |          |          |        |          | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$ |                   |          | ]  |          | 142        |                 |          |                    |                 |           |  |                |          | $\square$ . |
|              | 43       | L        | $oxed{oxed}$   |          | L  | _                                   |  | Ш            | Ш                   | _        |          | 93       | <u> </u>                            | $\Box$   |          |        |          | $\perp$   | $\bot \mathbb{I}$ |          | ]  |          | 143        |                 | $\Box$   | $\Box$             | $\Box$          | $\Box$    |  |                |          |             |
|              | 44       | V        | $ldsymbol{ld}}}}}}$ |          | _  | L                                   | ļ  | Ш            | Щ                   | $\Box$   |          | 94       | $\perp$                             | $\Box$   | Ш        |        |          | $\bot$  | $oxed{\Box}$      |          | ]  |          | 144        |                 |          | $\Box$             |                 |           | $\Box$   |                |          |             |
| L            | 45       | V        |  |          |  | L                                   | L_   | Ш            | Ш                   | _        | <u> </u> | 95       | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ |          |          |        |          |   |                   |          | 1  |          | 145        |                 |          | $\Box$             |                 |           |  |                | $\Box$   |             |
|              | 46       | V        | _  | L        | $ldsymbol{ldsymbol{ldsymbol{eta}}}$              |                                     | L_   | Ш            | Ш                   | _        | <u> </u> | 96       | L                                   | Щ        |          |        |          |   |                   |          | _  |          | 146        |                 |          | $\Box$             | $\Box$          | $\Box$    | $\Box$   | $\Box$         | $\Box$   | ╝           |
|              | 47       | v        | Ь.   | _        | _  | Ш                                   | <u> </u>   | Ш            | Щ                   | _        |          | 97       | $\vdash$                            | Ш        | Ш        | Ш      |          | _   | _                 |          | 1  |          | 147        | $\square$       | $\Box$   | $oxedsymbol{oxed}$ | Ш               | [         |  |                | $\bot$   | $\Box$      |
|              | 48       | V        | Щ.   | <u> </u> | <u> </u>   | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | <u> </u>   | $\sqcup$     | Ц.                  | _        | _        | 98       | <u> </u>                            | Щ        | Ш        |        | $\Box$   | $\perp$   | $\perp$           | 1        | 1  | _        | 148        | Ш               |          | $\Box$             | Ш               | 凵         | Ш  |                | $\perp$  | $\Box$      |
|              | 49       | V        | Щ  |          | <u> </u>   | oxdot                               | _  | $\sqcup$     | $\sqcup$            | _        | <u> </u> | 99       | _                                   |          | Ш        | Щ      |          |   | $\perp$           | 4        | 1. |          | 149        | Ш               |          |                    | Ш               |           | Щ  | $\dashv$       | $\dashv$ | _           |
|              | 50       | V        |  |          | Ŀ  | L                                   |  |              | $\sqcup \bot$       |          |          | 100      |                                     |          |          |        |          |   |                   |          | J  |          | 150        |                 |          |                    |                 |           | Ш  | $\perp$        |          | ╝           |